

Butler, Douglas

From: PLUS
Sent: Wednesday, April 07, 2004 9:22 AM
To: Butler, Douglas
Subject: PLUS Results for 10674199

Here are the PLUS search results for 10674199.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10674199_QUAL.txt



10674199_LIST.txt



10674199_WEST.txt



10674199_EAST.txt



10674199.east



10674199_CLS.txt



10674199_CLSTITLES.t



10674199_WDS.txt

xi

10674199_LIST

PLUS Search Results for S/N 10674199, Searched April 07, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5403072	4937509	3596740
4472778	4989703	3593089
4620567	5020322	3590689
4324320	5209427	3686861
4561527	5216328	3665272
4616520	5249853	3657625
4906906	5329415	3640301
4926723	5336956	3927913
5012165	5385019	3917029
5816668	5404823	3853198
4260197	5412268	3842329
4475336	5454768	3832014
4475774	5470277	3829171
4605359	5471125	3785393
4782907	5507700	4023659
4802713	5570770	4049326
4978899	5577578	4149379
5195419	5580136	4169372
5431242	5587866	4087078
5579878	5631626	4090114
5730683	5668414	4092577
5827149	5677667	4113076
5882278	5735506	4243127
5977740	5747910	4243126
6002979	5747954	4243901
6015193	5752754	4245526
6109703	5760555	4245561
6203118	5761045	4254672
4264109	5789881	4257504
4312419	5794734	4260201
4333430	5887458	4260198
4382364	5917632	4269456
4407643	5924530	4271940
4428624	5937697	4272131
4436347	5947221	4282466
4449369	5960630	4284930
4494711	5990653	4284253
4537113	5988773	4288682
4577497	5993241	4291612
4592599	6054779	4293120
4597052	6084325	4294071
4627342	6100483	4298857
4760491	6123384	4301713
4770390	6154035	4304369
4800289	6186253	4305495
4818038	6222443	4307793
4825989	6222443	4309733
4892980	6234585	4313302
4905300	3614565	4313353
4932727	3610371	4313658

10674199_EAST

(5403072
4472778
4620567
4324320
4561527
4616520
4906906
4926723
5012165
5816668
4260197
4475336
4475774
4605359
4782907
4802713
4978899
5195419
5431242
5579878
5730683
5827149
5882278
5977740
6002979
6015193
6109703
6203118
4264109
4312419
4333430
4382364
4407643
4428624
4436347
4449369
4494711
4537113
4577497
4592599
4597052
4627342
4760491
4770390
4800289
4818038
4825989
4892980
4905300
4932727) .pn.
(4937509
4989703
5020322
5209427
5216328
5249853
5329415
5336956
5385019

10674199_EAST

5404823
5412268
5454768
5470277
5471125
5507700
5570770
5577578
5580136
5587866
5631626
5668414
5677667
5735506
5747910
5747954
5752754
5760555
5761045
5789881
5794734
5887458
5917632
5924530
5937697
5947221
5960630
5990653
5988773
5993241
6054779
6084325
6100483
6123384
6154035
6186253
6222443
6222443
6234585
3614565
3610371) .pn.
(3596740
3593089
3590689
3686861
3665272
3657625
3640301
3927913
3917029
3853198
3842329
3832014
3829171
3785393
4023659
4049326
4149379
4169372

10674199_EAST

4087078
4090114
4092577
4113076
4243127
4243126
4243901
4245526
4245561
4254672
4257504
4260201
4260198
4269456
4271940
4272131
4282466
4284930
4284253
4288682
4291612
4293120
4294071
4298857
4301713
4304369
4305495
4307793
4309733
4313302
4313353
4313658) .pn.

10674199_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10674199 on April 07, 2004

Original Classifications

3 318/269
3 318/370
3 340/431
2 60/404
2 60/547.1
2 180/197
2 192/220.1
2 192/221
2 303/116.1
2 303/155
2 303/3
2 318/139

Cross-Reference Classifications

3 60/418
3 60/562
3 60/582
3 91/516
3 303/113.4
3 307/10.1
3 310/68R
3 318/139
3 318/375
3 318/376
2 60/413
2 60/545
2 60/547.1
2 60/563
2 60/591
2 74/411.5
2 180/197
2 188/1.11L
2 188/1.11R
2 188/161
2 188/181A
2 188/195
2 188/290
2 188/296
2 192/219
2 192/221
2 303/10
2 303/114.1
2 303/115.4
2 303/15
2 303/155
2 303/22.1
2 303/9.75
2 307/9.1
2 310/71
2 310/93
2 318/363
2 318/380
2 340/539.1
2 439/35

2 477/186
2 701/70

Combined Classifications

5 318/139
4 60/547.1
4 60/562
4 180/197
4 192/221
4 303/113.4
4 303/155
4 340/431
3 60/404
3 60/418
3 60/545
3 60/582
3 91/516
3 188/161
3 303/10
3 303/114.1
3 307/10.1
3 310/68R
3 318/269
3 318/370
3 318/375
3 318/376
2 60/413
2 60/563
2 60/591
2 74/411.5
2 180/165
2 187/297
2 188/1.11L
2 188/1.11R
2 188/171
2 188/181A
2 188/195
2 188/290
2 188/296
2 192/219
2 192/220.1
2 192/223
2 303/114.3
2 303/115.4
2 303/116.1
2 303/116.2
2 303/119.1
2 303/15
2 303/180
2 303/20
2 303/22.1
2 303/3
2 303/52
2 303/9.75
2 307/10.8
2 307/9.1
2 310/179
2 310/71
2 310/93

10674199_CLS

2 318/363
2 318/380
2 340/479
2 340/539.1
2 439/35
2 477/143
2 477/186
2 701/70
2 701/86

10674199_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10674199 on April 07, 2004

5 318/139 (2 OR, 3 XR)
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
318/139 BATTERY-FED MOTOR SYSTEMS

4 60/547.1 (2 OR, 2 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/533 .Pulsator
60/547.1 ..With control of or by a separate power fluid,
etc.

4 60/562 (1 OR, 3 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/533 .Pulsator
60/562 ..Master piston of one pulsator circuit drives
master piston of a parallel circuit through a resilient,
fluid or lost motion connection

4 180/197 (2 OR, 2 XR)
Class 180 : MOTOR VEHICLES
180/197 WITH MEANS FOR DETECTING WHEEL SLIP DURING
VEHICLE ACCELERATION AND CONTROLLING IT BY REDUCING
APPLICATION OF POWER TO WHEEL

4 192/221 (2 OR, 2 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/215 TRANSMISSION AND BRAKE
192/218 .Motor vehicle
192/221 ..Fluid operated

4 303/113.4 (1 OR, 3 XR)
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
303/121 SPEED-CONTROLLED
303/113.1 .Having a valve system responsive to a wheel
lock signal
303/113.4 ..Including a stroke sensor

4 303/155 (2 OR, 2 XR)
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
303/121 SPEED-CONTROLLED
303/155 .Braking pressure demand or braking force
desire

4 340/431 (3 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5 LAND VEHICLE ALARMS OR INDICATORS
340/431 .For trailer

3 60/404 (2 OR, 1 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/403 .Apparatus having means responsive to or
ameliorating the effects of breakage, plugging, mechanic

al

10674199_CLSTITLES

- failure or power failure
- 60/404 ..Stand-by stored energy means activated
 responsive to malfunction or power failure
- 3 60/418 (0 OR, 3 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/413 .With control means for structure storing work
 driving energy (e.g., accumulator, etc.)
 60/418 ..Control by sensor of accumulator condition
- 3 60/545 (1 OR, 2 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/545 ..Having electricity or magnetically operated
 structure
- 3 60/582 (0 OR, 3 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/582 ..Having safety standby structure becoming
 operative upon apparatus malfunction
- 3 91/516 (0 OR, 3 XR)
 Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE
 91/508 PLURAL RELATIVELY MOVABLE OR RIGIDLY
 INTERCONNECTED WORKING MEMBERS
 91/511 .Condition responsive means for modifying
 working member operation
 91/514 ..Pressure responsive valve divides motive
 fluid between motors
 91/516 ...To give one motor priority to motive fluid
 over another
- 3 188/161 (1 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/158 .Electric
 188/161 ..Electromagnet
- 3 303/10 (1 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/10 WITH PUMP
- 3 303/114.1 (1 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/114.1 ..Including hydraulic power booster
- 3 307/10.1 (0 OR, 3 XR)
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
 SYSTEMS
 307/9.1 VEHICLE MOUNTED SYSTEMS
 307/10.1 .Automobile

10674199_CLSTITLES

- 3 310/68R (0 OR, 3 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/68R ...Electric circuit elements
- 3 318/269 (3 OR, 0 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/255 PLURAL DIVERSE MOTOR CONTROLS
 318/268 .Running-speed control
 318/269 ..With braking
- 3 318/370 (3 OR, 0 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/370 .Plural, diverse or diversely controlled
 braking means
- 3 318/375 (0 OR, 3 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking
- 3 318/376 (0 OR, 3 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking
 318/376 ..Regenerative
- 2 60/413 (0 OR, 2 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/413 .With control means for structure storing work
 driving energy (e.g., accumulator, etc.)
- 2 60/563 (0 OR, 2 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/563 ..Expansible chamber of output pressurized
 directly by motive fluid and indirectly by a master drive
 by the motive fluid
- 2 60/591 (0 OR, 2 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/591 ..Having valve, director, or restrictor in
 pulse fluid flow path
- 2 74/411.5 (0 OR, 2 XR)
 Class 074 : MACHINE ELEMENT OR MECHANISM
 74/640 GEARING
 74/411.5 .With brake means for gearing
- 2 180/165 (1 OR, 1 XR)
 Class 180 : MOTOR VEHICLES

10674199_CLSTITLES

- 180/165 WITH FLUID OR MECHANICAL MEANS TO ACCUMULATE
ENERGY (I) DERIVED FROM MOTION OF VEHICLE OR (II) OBTAINED
FROM OPERATION OF VEHICLE MOTOR, AND GIVE UP THE ENERGY (I)
WHEN NEEDED FOR VEHICLE ACCELERATION OR (2) TO POWER AN
AUXILIARY SYSTEM OF THE VEHICLE
- 1)
- 2 187/297 (1 OR, 1 XR)
Class 187 : ELEVATOR, INDUSTRIAL LIFT TRUCK, OR
STATIONARY LIFT FOR VEHICLE
187/250 HAVING SPECIFIC LOAD SUPPORT DRIVE-MEANS OR ITS
CONTROL
187/276 .Includes control for power source of
drive-means
187/277 ..With specific electrical component
187/289 ...For electric power source
187/293Controls power source speed
187/297Limited to power source (i.e., motor)
utilizing D.C. power
- 2 188/1.11L (0 OR, 2 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR
188/1.11W .Wear
188/1.11L ..Electrical
- 2 188/1.11R (0 OR, 2 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR
- 2 188/171 (1 OR, 1 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/166 .Spring
188/171 ..Electric release
- 2 188/181A (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/174 .Weight
188/180 ..Regulators
188/181R ...Vehicle
188/181AAcceleration responsive
- 2 188/195 (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/195 .Load
- 2 188/290 (0 OR, 2 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/290 .Using a rotary-type fluid damper
- 2 188/296 (0 OR, 2 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/290 .Using a rotary-type fluid damper

10674199_CLSTITLES

- 188/296 ..Driving radial vanes which cause toroidal
 flow of brake fluid
- 2 192/219 (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/215 TRANSMISSION AND BRAKE
 192/218 .Motor vehicle
 192/219 ..Transmission control affects brake
- 2 192/220.1 (2 OR, 0 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/215 TRANSMISSION AND BRAKE
 192/218 .Motor vehicle
 192/220 ..Brake control affects transmission change
 192/220.1 ...Brake application neutralizes transmission
- 2 192/223 (1 OR, 1 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/215 TRANSMISSION AND BRAKE
 192/223 .Torque-responsive brake
- 2 303/114.3 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/114.3 ..Including pneumatic power booster
- 2 303/115.4 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/115.1 ..System controlled by expansible chamber type
 modulator
 303/115.4 ...Having pump pressure control
- 2 303/116.1 (2 OR, 0 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/116.1 ..Including pump with system solenoid valve
- 2 303/116.2 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/116.1 ..Including pump with system solenoid valve
 303/116.2 ...Having pressure line isolated from master
 cylinder line
- 2 303/119.1 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal

10674199_CLSTITLES

- 303/119.1 ..System controlled by solenoid valve
- 2 303/15 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/13 MULTIPLE CONTROL
 303/15 .Fluid and electric
- 2 303/180 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/177 .Sensing jerk, acceleration, or deceleration
 303/180 ..Rotary inertia
- 2 303/20 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/20 ELECTRIC CONTROL
- 2 303/22.1 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/22.1 LOAD CONTROL
- 2 303/3 (2 OR, 0 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/2 MULTIPLE SYSTEMS
 303/3 .Fluid pressure and electric
- 2 303/52 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/50 MOTORMAN'S VALVES
 303/52 .Multiple motors
- 2 303/9.75 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/5 MULTIPLE FLUID-RECEIVING DEVICES
 303/6.01 .Multiple motors
 303/9.62 ..Apportioning control
 303/9.75 ...Detail
- 2 307/10.8 (1 OR, 1 XR)
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
 SYSTEMS
 307/9.1 VEHICLE MOUNTED SYSTEMS
 307/10.1 .Automobile
 307/10.8 ..Lighting circuits
- 2 307/9.1 (0 OR, 2 XR)
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
 SYSTEMS
 307/9.1 VEHICLE MOUNTED SYSTEMS
- 2 310/179 (1 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/179 ..Windings and core structure
- 2 310/71 (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC

10674199_CLSTITLES

310/40R .Rotary
 310/66 ..With other elements
 310/68R ...Electric circuit elements
 310/71Connectors, terminals or lead-ins

2 310/93 (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/92 ..Torque-transmitting clutches or brakes
 310/93 ...Brake type

2 318/363 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/363 ."Spotting" or adjustment of braking controller
 during coasting

2 318/380 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking
 318/379 ..Locally closed armature circuit
 318/380 ...Closed through impedance or the like

2 340/479 (1 OR, 1 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
 340/468 .External signal light system
 340/479 ..Brake light

2 340/539.1 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/531 .With particular coupling link
 340/539.1 ..Radio

2 439/35 (0 OR, 2 XR)
 Class 439 : ELECTRICAL CONNECTORS
 439/34 WITH VEHICLE STRUCTURE
 439/35 .Connection to towed vehicle

2 477/143 (1 OR, 1 XR)
 Class 477 : INTERRELATED POWER DELIVERY CONTROLS,
 INCLUDING ENGINE CONTROL
 477/34 TRANSMISSION CONTROL
 477/115 .Transmission controlled by engine
 477/121 ..By input manifold pressure or engine fuel
 control
 477/143 ...Servo motor timing

2 477/186 (0 OR, 2 XR)
 Class 477 : INTERRELATED POWER DELIVERY CONTROLS,
 INCLUDING ENGINE CONTROL
 477/182 BRAKE CONTROL
 477/183 .Sensed condition responsive control of engine
 of brake
 477/184 ..Brake
 477/186 ...Speed or acceleration responsive

10674199_CLSTITLES

2	701/70	(0 OR, 2 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/70	.Indication or control of braking, acceleration, or deceleration
2	701/86	(1 OR, 1 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/70	.Indication or control of braking, acceleration, or deceleration
	701/82	..Antispin, traction control, or drive slip control
	701/84	...Control of engine torque
	701/86Having fuel cutting or ignition timing retarding